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Produktinformation



Forschungsprodukte & Biochemikalien



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Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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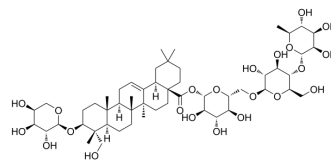
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Cauloside D

Cat. No.:	HY-N6878
CAS No.:	12672-45-6
Molecular Formula:	C ₅₃ H ₈₆ O ₂₂
Molecular Weight:	1075.24
Target:	NO Synthase
Pathway:	Immunology/Inflammation
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (93.00 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent Concentration \ Mass	1 mg	5 mg	10 mg
		1 mM	0.9300 mL	4.6501 mL	9.3002 mL
		5 mM	0.1860 mL	0.9300 mL	1.8600 mL
		10 mM	0.0930 mL	0.4650 mL	0.9300 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (2.33 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (2.33 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (2.33 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Cauloside D is a triterpene glycoside isolated from <i>Caulophyllum robustum</i> Max. Cauloside D exerts anti-inflammatory effects through the inhibition of expression of iNOS and proinflammatory cytokines ^[1] .
IC ₅₀ & Target	iNOS

REFERENCES

[1]. Lee Y, et al. Anti-Inflammatory Effect of Triterpene Saponins Isolated from Blue Cohosh (*Caulophyllum thalictroides*). Evid Based Complement Alternat Med. 2012;2012:798192.

Caution: Product has not been fully validated for medical applications. For research use only.

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